

N.C. Standard Course of Study and Grade Level Competencies

Grade K— Competency Goal 2

The learner will make observations and build an understanding of weather concepts.

Objectives

2.02 Identify different weather features including:

Precipitation
Wind
Temperature
Cloud Cover

Grade 2—Competency Goal 2

The learner will conduct investigations and use appropriate tools to build an understanding of the changes in weather.

Objectives

2.03 Describe weather using quantitative measures of:

Temperature
Wind Direction
Wind Speed
Precipitation

Grade 5—Competency Goal 3

The learner will conduct investigations and use appropriate technology to build an understanding of weather and climate.

Objectives

3.02 Discuss and determine how the following are affected by predictable patterns of weather:

Temperature
Wind Direction and Speed
Precipitation
Cloud Cover
Air Pressure

3.05 Compile and use weather data to establish a climate record and reveal any trends.

3.06 Discuss and determine the influence of geography on weather and climate:

Mountains
Sea Breezes
Water Bodies

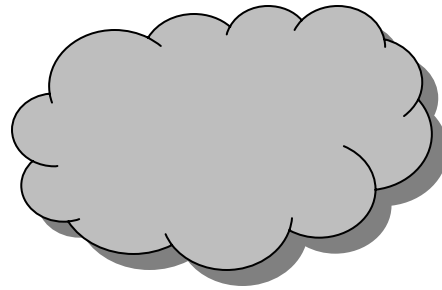


National Climatic Data Center Glossary of Climatic Terms





Blizzard: a violent, blinding snowstorm with a very strong wind and very great cold.



Cloud: a white, gray, or almost black mass in the sky, made up of tiny drops of water.



Drought: a long period of dry weather; continued lack of rain.



Flood: flow of water over what is usually dry land.



Fog: cloud of fine drops of water just above the earth's surface; thick mist.



Frigid: very cold; cold in feeling or manner; stiff; chilling.



Hot: very high heat; having a high temperature.



Hurricane: a tropical cyclone; storm with violent wind and usually very heavy rain.



Lightning: discharge or flash of electricity in the sky.



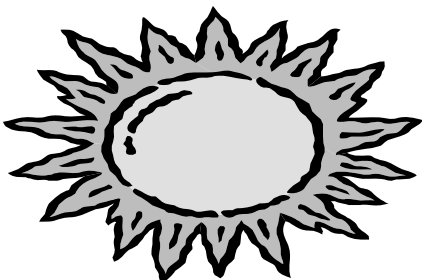
Rain: water falling in drops from the clouds.



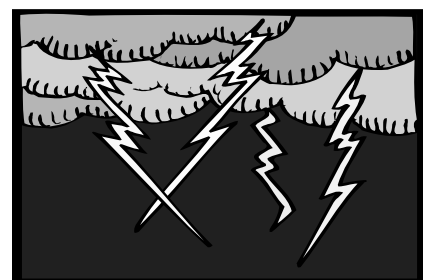
Rainbow: bow or arch of seven colors seen in the sky; mist or spray when the sun shines on it.



Snow: water vapor frozen into crystals that fall to earth in soft, white flakes.



Sun: the brightest object in the sky; the heavenly body around which the earth and planets revolve.



Thunderstorm: storm with thunder and lightning; the loud noise that often follows a flash of lightning.



Tornado: a whirling funnel extends down from a mass of dark clouds; violent and destroying whirlwind.



Wind: air in motion; the wind varies in force from a slight breeze to a strong gale.